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(R¹Q_aR²)_bSi(NR³)_{c-a-b}/2

APPLICANT : SHIN ETSU CHEM CO LTD; I

INVENTOR : KUWATA SATOSHI;

INT.CL. : C09D183/16 C08G 77/60

TITLE : FILM-FORMING AGENT
COMPOSITION

R²-cSi(NR³)_{c-a-b}/2 II

ABSTRACT : PURPOSE: To obtain a composition which can give a cured product with good water repellency and oil repellency by mixing an organosilazane copolymer comprising two kinds of specified structural units and an organic solvent therefor as essential components.

CONSTITUTION: This composition essentially consists of an organosilazane copolymer comprising units of formula I (wherein R¹ is which may be the same or different are perfluoroalkyl groups or perfluoroalkyl ether groups; R² and R³ which may be the same or different are hydrogen atoms or substituted or unsubstituted monovalent hydrocarbon groups; Q_a which may be the same or different are bivalent organic groups; a is an integer of 1-3; and b is an integer of 0-2, provided that a + b is an integer of 1-3) and units of formula II (wherein R² and R³ are as defined above; and c is an integer of 1-3) and having a molar ratio of units I to units II of 95/5-50-50 and an organic solvent which can dissolve this copolymer.

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